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1102865-0031 CON

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Gevas et al.  
Serial No. : 10/762,226  
371(c) Date : January 20, 2004  
For : IMMUNOLOGICAL METHODS FOR THE TREATMENT OF  
GASTROINTESTINAL CANCER  
Examiner : TBA  
Group Art Unit : TBA

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INFORMATION DISCLOSURE STATEMENT

Sir:

This communication and the attached Form PTO-1449 are submitted in compliance with 37 C.F.R. §§1.56, 1.97 and 1.98. A copy of each of the non-patent documents listed on the Form PTO-1449 is enclosed as part of this communication.

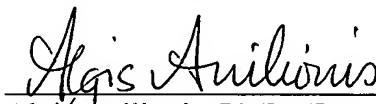
Consideration of the documents listed on Form PTO-1449 is requested.

**TIME OF TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**

This Supplemental Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits according to 37 C.F.R. §1.97(b)(3). Therefore, no fee is due in connection with this filing. However, should any fee be deemed necessary in connection with this filing, or should any other fee be deemed necessary to maintain pendency of this application, now or during future prosecution, the Commissioner is hereby authorized to charge such fee to Deposit Account No. 23-1703.

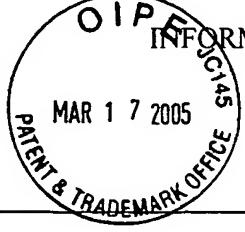
Dated: March 15, 2005

Respectfully submitted,

  
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ATTACHMENT:      IDS Form PTO-1449

FORM PTO-1449 (REV. 2-82)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Atty. Docket No. 1102865-0031 CON	Serial No. 10/762,226
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## U.S. PATENTS

*Examiner Initial		Document No.							Date	Name	Class	Sub-Class	Filing Date, if Appropriate
	AA	5	0	2	3	0	7	7	06/11/91	Gervas et al.	424	88	
	AB	4	5	2	6	7	1	6	07/02/85	Stevens	260	112.5	
	AC	4	3	8	4	9	9	5	05/24/83	Stevens	260	112.5	
	AD	4	9	7	8	6	8	3	12/18/90	Rovati et al.	514	617	
	AE	4	6	9	1	0	0	6	09/01/87	Stevens	530	324	

## FOREIGN PATENT DOCUMENTS

*Examiner Initial		Document No.							Date	Country	Class	Sub-Class	Translation Yes      No
	AF	0	3	8	0	2	3	0	11/17/94	Europe	CO7K	15/00	

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	AG	Dickinson C. J. "Relationship of gastrin processing to colon cancer", Gastroenterology 109: 1384-1388, 1995.
	AH	Ciccotosto et al. "Expression processing, and secretion of gastrin in patients with colorectal carcinoma." Gastroenterology 109: 1142-1153, 1995.

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	BA	5	4	6	8	4	9	4	11/21/95	Gevas et al.	424	195.11	
	BB	5	6	0	7	6	7	6	3/04/97	Gevas et al	424	197.11	
	BC	5	6	0	9	8	7	0	3/11/97	Gevas et al	424	184.1	
	BD	5	6	2	2	7	0	2	4/22/97	Gevas et al	424	184.1	
	BE	5	7	8	5	9	7	0	7/28/98	Gevas et al	424	184.1	
	BF	5	8	6	6	1	2	8	2/02/99	Gevas et al	424	184.1	

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## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	BG	Azuma et al. "Immunocytochemical evidence for differential...", Gastroenterologia Japonica 21(4): 319-324, 1986.
	BH	Nemeth et al. "Development of a sequence-specific radioimmunoassay...", Izotopotechnika 25(4): 288-294, 1982.
	BI	Beauchamp et al. "Proglumide, a gastrin receptor antagonist, inhibits growth of colon cancer and enhances survival in mice", Ann Surg. 202: 303-309, 1985.

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	CA	6	5	4	8	0	6	6	4/15/03	Michaeli et al.	424	185.1	
	CB	6	6	9	6	2	6	2	2/24/04	Harkonen	435	7.32	
	CC	6	8	6	1	5	1	0	3/01/05	Gevas et al.	530	388.1	

## FOREIGN PATENT DOCUMENTS

*Examiner Initial		Document No.							Date	Country	Class	Sub-Class	Translation Yes      No

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	CD	Kothary et al. "NH <sub>2</sub> -terminal of gastrin-17 in duodenal ulcer..." BBRC 146(2): 884-888, 1987.
	CE	Nemeth et al. Chem Abs. 98: 51654X, 1983.
	CF	Dockray et al. "Amino-terminal gastrin fragment in serum...", Gastroenterology 68 (2): 222-230, 1975.

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## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	DA	Upp, J.R., Singh, S., Townsend, C.M., and Thompson, J.C. Clinical significance of gastrin receptors in human colon cancers. Cancer Res., 49: 488-492, 1989
	DB	Hoosein, N. M., Kiener, P.A., Curry, R. C., and Brattain, M. G. Evidence for autocrine growth stimulation of cultured colon tumor cells by a gastrin/cholecystokinin-like peptide. Exptl. Cell Res., 186 15-21, 1990.
	DC	Smith, J. P. et al. "Elevated Gastrin Levels in Patients with Colon Cancer..." Digestive Dis. Sci. 34 (2): 171-174, 1989.

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EA	Baldwin, G. S., and Zhang, Q-X. Measurement of gastrin and transforming growth factor a messenger RNAlevels in colonic carcinoma cell lines by qntitative polymerase chain reaction. Cancer Res., 52:2261-2267, 1992.
EB	Finley, G. G., Koski, R.A., Melham, M. F., Pipas, J. M., and Meisler, A. I. Expression of the gastrin gene in the normal human colon and colorectal adenocarcinoma. Cancer Res., 53:2919-2926, 1993.
EC	Watson, S.A., Durrant, L. G., Wencyk, P. M., Watson, A. L., and Morris, D. L. Intracellular gastrin in human gastrointestinal tumor cells. J. N. C. I., 83: 866-872, 1991.
ED	Wong, et al. "Postprandial Hypergastrinaemia in Patients with Colorectal Cancer," Gut 32:1352-1354, 1991

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FA	Hoosein, N. M., Kiener, P. A., and Curry, R. C. Anti-proliferative effects of gastrin receptor antagonists and antibodies to gastrin on human colon carcinoma cell lines. <i>Cancer Res.</i> , 48: 7179-7183, 1988.
FB	Van-Solinge, W. W., Nielsen, F. C., Friis-Hansen, L., Falkner, U. G., and Rehfeld, J. F. Expression but incomplete maturation of progastrin in colorectal carcinomas. <i>Gastroenterology</i> , 104: 1099-1107, 1993
FC	Nemeth, J., Taylor, B., Pauwels, S., Varro A., and Dockray, G. J. Identification of progastrin derived peptides in colorectal carcinoma extracts. <i>Gut</i> , 34: 90-95, 1993.

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GA	Bock, M. G., DiPario, R.M., Evans, B. E., Rittle, K. E., Whitter, A., Veber, D. Anderson, E., and Freidinger, A. Benzodiazepine, gastrin and brain cholecystokinin receptor ligands: L-365, 260. J. Med. Chem., 32:13-17, 1989.
GB	Hughes, J., Boden, P., Costall, B., Domeney, A., Kelly, E., Horwell, D.C., Hunter, J. C., Pinnock, R. D., and Woodruff, G. N. Development of a class of selective cholecystokin type B receptor antagonists having potent anxiolytic activity. Proc. Natl. Adad. Sci., 87:6728-6732, 1990..
GC	Seitz, et al. "Elevated Serum Gastrin Levels in Patients with Colorectal Cancer" J. Clin Gastroenterol. 13(5) : 541-545, 1991.

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HA	Romani, R., Howes, L. G., and Morris, D. L. Potent new family of gastrin receptor antagonists (GRAs) produces in vitro and in vivo inhibition of human colorectal cancer cell lines. Procs. AACR, 35:397 (Abstract), 1994.									
HB	Makishimi, R., Larkin, P., Michaeli, D., and Gaginells, T. S. Active immunization against gastrin-17 with an N-terminal derived immunogen inhibits gastrin and duodenal lesions in rats. Gastroent. 106:A824, 1994.									

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IA	Martin, F., Caignard, A., Jeannin, J-F., Leclerc, A., and Martin, M. Selection of trypsin of 2 sublines of rat colon cancer cells forming progressive or regressive tumors. Int. J. Cancer, 32:623-627, 1983.
IB	Ohning, G. V., Wong, H. C., and Walsh, J. H. Differential kinetics for immunoneutralization of circulating gastrin by gastrin monoclonal antibody and its Fab <sub>1</sub> fragment in rats. Peptides, 15:417-423, 1994.
IC	Upp et al. "Polyamine Levels and Gastrin Receptors in Colon Cancers" Ann. Surg. 207(6) :662-669, 1988.

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JA	Yanaihara et al. "Human Big Gastrin N-terminal Fragment Immunoreactivity" In: Gut Peptides, Elsevier, North-Holland Biomed. Press, pages 26-31, 1979.
JB	Sugano et al. "Identification and Characterization of Glycine-extended Post-translational processing Intermediate of Progastrin..." J. Biol. Chem. 260 (21) : 11724-11729, 1986

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KA	Watson et al. "Gastrin receptors in GI Tumors," R. G. Landes, Austin, Texas, 1993.
KB	Rehfeld, J. "Three Components of Gastrin in Human Serum," Biochem. Biophys. Acta 285:364-372, 1972.
KC	Rehfeld (Gastroenterology, 108 (4) 1307-1310) 1995.
KD	Watson et al. (Cancer Res, 56:880-885) 1996.
KE	Ezzel (J. NIH Res, 7:46-49) 1995.
KF	Spitler (Cancer Biotherapy, 10:1-3) 1995.
KG	Boon (Adv. Can. Res: 58:177-210) 1992.
KH	Michaeli (Declaration under § 1.132) pp 1-11 with exhibits A & B. 1996.
KI	Herbert et al. (The Dictionary of Immunology, 4 <sup>th</sup> Ed. 1995, Academic Press, London, pgs 26-27). 1995
KJ	Seva et al. (1994) Science 265:410-412
KK	Ajani et al. (1989) J. Biol. Reqs. Mod. 8 (2): 140-146
KL	Watson et al. (1995) J. Cancer Res. 61:233-240

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